

DAME 2.5W NON MAINTAINED, LED EMERGENCY DOWNLIGHT, SELF TEST RDA25NMEST-01

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:
Product technical information and specification may change over time without prior notification. For the latest technical information please visit our web site www.robus.com.au or robusdirect.com

0°C < Ta < +40°C, 220V – 240V ~ 50/60Hz, Class II, IP20,
 Battery warranty 3 years

Luminaire is non-dimmable

Suitable for mounting on a normally flammable surface.

Installation

1. Ensure mains supply is switched off before commencing work
2. Select suitable location for luminaire
3. Safety note! The power supply cable must not be exposed to mechanical damage.
4. Cut out is Ø76mm-125mm on the ceiling
5. Mark appropriate hole positions on ceiling. Check location of buried cables, pipes and other building services before cutting
6. Write installation date on battery.
7. Plug the fitting emergency operated socket.
8. Offer luminaire up to cut-out. Hold retention spring vertically against fitting body, push fitting through the cut-out until the springs come down on the upper side of the plasterboard.

Test Switch: When test-switch is pressed, the fitting will enter emergency mode for a short period of time

Self-Test

This is a non-maintained emergency fitting. When power is connected the green charging LED will on only. Emergency LED will only come on during self-test or mains power failure Testing and inspection must in accordance with local codes of practice.

Self-Test Function:

1. Green LED on: Normal charging mode, 240V Supply connected
2. 1-Month test, Test duration 15s
3. 6-Month Test. Test duration 90 minutes

Yellow LED Function:

Off: Normal status, waiting for next test
 Slow Flash 1: 2s on/ 2s Off: Performing self-test
 Slow Flash 2: 4s on/ 1s Off: Self-test recently performed and passed (will stop after 5 days)

Fast Flash: 0.5s on/ 0.5 off: fault, replace battery or re-test unit

After installation, full battery charge after 16 hours. If charging is interrupted by cutting supply off, charging timer will be restarted back zero and count down for another 16 hours. When fully charged, automatic 2-hour discharge test will start. After the initial test, the fitting will enter 1-month and 6-month self-test schedules.

1-Month Test Cycle

- a. At the start of the month the yellow indicator will Slow Flash 2 for 5 days and then turn off until the day 30th day.
- b. On day 30 at the end of month yellow indicator will Slow Flash 1. Green LED will go out, the fitting will enter self-test discharge and will be powered by the battery for 15s.

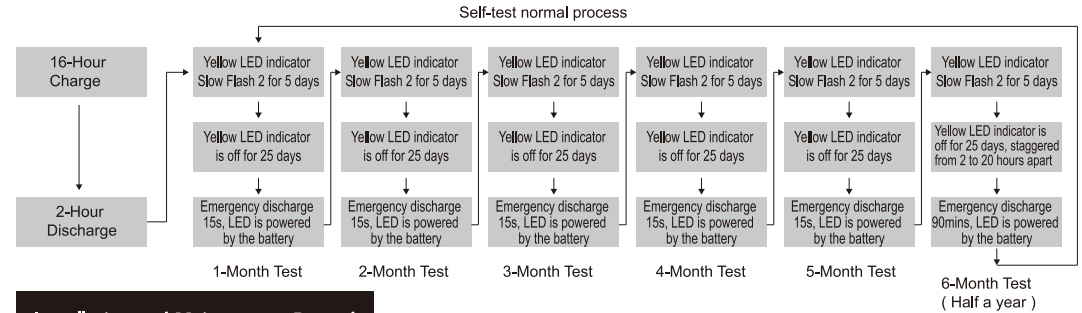
- c. 6-Month Test: At the start of the 6th month yellow indicator will Slow Flash 2 for 5 days.
- d. On day 30 at the end of month yellow will Slow Flash 1. Green LED will go out, the fitting will enter self-test discharge and will be powered by the battery for 90 minutes.

Note: To avoid limited battery capacity in the event of mains failure. Self-Test emergency fitting discharge times will be staggered throughout the building by 2-20 hours.

1. Daily check: Green LED indicator is working
2. Monthly check: The status of yellow LED indicator and emergency battery discharges.
3. 6-month and one-year check: That the self-test operation is working, the emergency LED comes on and lasts for a minimum 90-minutes.
4. Complete record sheet on installation and retain in maintenance file.
5. Update file with ongoing test records for inspection by fire officer or other duly authorised person

Re-set factory setting:

1. During the 16 hour charging period: Either a. disconnect mains supply, b. disconnect battery or c. press test switch. Any of these three operations will restart the 16-hour charge period.
2. During the Self-test process, disconnect battery and then re-connect it, self-test process will end and the test result will be a fail (yellow LED Fast Flash). Press tested switch for 5s to re-set factory setting (Press and hold the test button for 5s, the yellow LED indicator will go out, 5s later the LED will come on once, factory re-set completed successfully).
3. When Self-Test process has finished - after first inspection, monthly inspection or half a year inspection the yellow LED indicator be either fast or slow flash, press the test switch for 5 seconds, the fitting will re-set to factory default settings.
4. It is not possible to re-set factory settings when the yellow LED is not flashing



Installation and Maintenance Record:

Installer

Installation

Type

Installation test duration & Date

Month	Test	1 st Year		2 nd Year		3 rd Year		4 th Year		5 th Year	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	Short										
2	Short										
3	Short										
4	Short										
5	Short										
6	Short										
	90 min.										
7	Short										
8	Short										
9	Short										
10	Short										
11	Short										
12	Short										
	90 min.										

The Installation must be carried out by a qualified electrician

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